

the *Mantissa* seems to be in accord with this guide and there is no reason for rejecting it.

Thus, even though the plant indicated as type by Wheeler is probably not the type, his applications of the names *Euphorbia maculata* L. to the common upright plant and *Euphorbia supina* Raf. to the prostrate one seem to hold.—F. R. FOSBERG, FALLS CHURCH, VIRGINIA.

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ALLIUM TRICOCCUM AIT., var. **Burdickii**, var. nov.—Folia sine petiolis 14–19 cm. longa, 0.8–2 cm. lata, lanceolata; vaginae albae; petioli viridicantes; scapi 13–16 cm. longi.

*Allium tricoccum* Ait. is larger in all respects than the variety. Leaves without petioles are 15.5–23 cm. long and 2.6–6 cm. wide. The scape varies from 21 cm. to 33.5 cm. in length. Both sheaths and petioles are red or reddish instead of white or greenish. In outline the leaves are elliptic not lanceolate as in the variety. The species is found generally in marshy habitats whereas the variety prefers upland woods. If both grow in the same locality the variety occupies the higher ground. Another factor that separates the two is their differential development. The species appears at least a week earlier in the spring than the variety but in spite of this earlier start it comes into bloom more than a week later than the variety.<sup>1 2</sup>

In Kalamazoo County the species is abundant in Section 20, Prairie Ronde Township, where it occurs with swamp birch, tamarack, white elm and red ash. Also it is found in moist soil in Brady and Climax Townships and in several places along the Kalamazoo River. Variety *Burdickii* grows principally in upland woods of beech and maple on the western side of the county. It has been recorded from sections 4, 5, 16, 19, 22, 24, 26 and 30 of Prairie Ronde Township and in section 18 of Schoolcraft Township. Collections have been made in Porter Township, Van Buren County and near Libertyville, Lake County, Illinois.

This variety has been named in honor of Dr. J. H. Burdick, who collected specimens in 1877 at Milton, Wisconsin and who

<sup>1</sup> Hanes, Clarence R. and Ownbey, Marion. "Some observations on two ecological races of *Allium tricoccum* in Kalamazoo County, Michigan." *Rhodora*: 48: 61–63. 1946.

<sup>2</sup> Hanes, Clarence R. and Florence N. *Flora of Kalamazoo County, Michigan*. 68–69. 1947.

sent them to the Gray Herbarium with descriptions showing the differences that have been noted above.—CLARENCE R. HANES, SCHOOLCRAFT, MICHIGAN.

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IRIS PSEUDACORUS L. ESTABLISHED IN THE VICINITY OF LONDON, ONTARIO.—On June 14, 1952 the writer located a stand of the yellow iris, *Iris Pseudacorus* L. in Delaware Township, Middlesex County, Ontario on the south bank of the Thames River, twelve miles downstream from the union of the north and south branches of the Thames in London. The plants occupied the area surrounding the east end of a small pond about 350 yards east of the bridge which crosses the Thames on the road between the villages of Delaware and Komoka. The pond is on a bluff forming the bank of the river and remains filled with water during the summer, being fed from drainage from the slopes above and having an outlet directly into the river. The plants were concentrated in an area of 30 yards by 40 yards in the marshy region at the edge of the pond, some with their rootstocks in soil covered by six inches of water and some in adjacent damp ground. On June 17 the pond was again visited and eleven separate plants were counted, the smallest having leaves two feet tall, with one flower in bud and another in bloom, and the largest having leaves and stems five feet tall, with sixty-seven flowers in bloom, several flowers faded and a few in bud, the whole plant being five feet in diameter. A few plants of the Blue Flag, *Iris versicolor* L. were also present along the border of the pond. Collections of *Iris Pseudacorus* were made and six herbarium sheets were prepared: 526 a, b, c (14.VI.52) and 527 a, b, c (17.VI.52). Of these 526 a and b are deposited in the Gray Herbarium, the specimens having been kindly identified by Dr. R. C. Foster, and the other four sheets are in the writer's collection.—W. W. JUDD, DEPARTMENT OF ZOOLOGY, UNIVERSITY OF WESTERN ONTARIO, LONDON, CANADA.

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